American Mathematics Competition 8
Competition Date: January 18, 2024
Registration Deadline: January 11, 2024
or when center capacity is reached

- ❖ **What is the AMC 8?**
  - ○ **The AMC 8 is a 25-question, 40-minute, multiple choice examination in middle school mathematics designed to promote the development of problem-solving skills**

- ❖ **Who can take the AMC 8?**
  - ○ **Students with a passion of problem-solving who are in grade 8 or below and under 14.5 years of age on the day of the contest are eligible to participate**

- ❖ **Sample Problems**
  - ○ **Four students take an exam. Three of their scores are 70, 80, and 90. If the average of their four scores is 70, then what is the remaining score?**
    A) 40   B) 50   C) 55   D) 60   E) 70
  - ○ **What is the sum of the distinct prime integer divisors of 2016?**
    A) 9   B) 12   C) 16   D) 49   E) 63

- ❖ **Are there any preparation materials?**
  - ○ **Yes! At Fresno State, we offer FREE preparation sessions for the AMC 8 on 11/30/23, 12/7/23, 12/14/23, and 1/11/24, from 5:30-7:30 PM. To learn more, visit: www.fresnomathcircle.org/calendar/amc8-calendar.html**

- ❖ **Where do I register for the AMC 8?**
  - ○ **Registration for the AMC 8 offered at Fresno State is FREE and you can register at: www.fresnomathcircle.org/competitions.html**

GOT MORE QUESTIONS?

E-mail fresnomathcircle@gmail.com